

HAWAII, ISLAND OF MOLOKAI

16414200 KAUNAKAKAI GULCH AT 75 FEET

LOCATION.--Lat 21° 05' 50", Long 157° 00' 51", Old Hawaiian Datum, Hydrologic Unit 2000500000, on left bank 0.7 mile upstream of Highway 46, and 0.4 mile northeast of Kaunakakai Post Office.

DRAINAGE AREA.--7.05 mi².

PERIOD OF RECORD.--Water Year 2002 (annual maximum), February to September 2003.

GAGE.--Crest stage gage in water year 2002. Water stage recorder. Elevation of gage is 75 feet above mean sea level (from topographic map).

REMARKS.--Records computed by Phillip Teeters. Records poor. No diversions upstream. Flow has been augmented by occasional spillage from Molokai Tunnel since May 1965.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 602 ft³/s, November 27, 2001, gage height, 7.05 ft; no flow on many days.

EXTREMES FOR CURRENT YEAR.--Peak discharge during period February to September 2003 greater than base of 280 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Feb 14	0945	*301	*6.42	No other peak greater than base discharge.			

Minimum discharge, 0.00 ft³/s, on many days, gage height, 3.80 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00
2	---	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00
3	---	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00
4	---	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00
5	---	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00
6	---	---	---	---	0.00	0.00	0.00	---	---	---	0.00	0.00
7	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
8	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
9	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
10	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
11	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
12	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
13	---	---	---	---	0.00	0.00	---	---	---	---	0.00	0.00
14	---	---	---	---	13	0.00	---	---	---	0.00	0.00	0.00
15	---	---	---	---	14	0.06	---	---	---	0.00	0.00	0.00
16	---	---	---	---	8.4	0.00	---	---	---	0.00	0.00	0.00
17	---	---	---	---	e5.7	0.00	---	---	---	0.00	0.00	0.00
18	---	---	---	---	e3.4	0.00	---	---	---	0.00	0.00	0.00
19	---	---	---	---	e1.2	0.00	---	---	---	0.00	0.00	0.00
20	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00	0.00
21	---	---	---	---	1.1	0.00	---	---	---	0.00	0.00	0.00
22	---	---	---	---	e5.0	0.00	---	---	---	0.00	0.00	0.00
23	---	---	---	---	e0.90	0.00	---	---	---	0.00	0.00	0.00
24	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00	0.00
25	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00	0.00
26	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00	0.00
27	---	---	---	---	0.00	0.00	---	---	---	0.00	0.00	0.00
28	---	---	---	---	0.00	7.1	---	---	---	0.00	0.00	0.00
29	---	---	---	---	---	e4.7	---	---	---	0.00	0.00	0.00
30	---	---	---	---	---	e0.30	---	---	---	0.00	0.00	0.00
31	---	---	---	---	---	0.00	---	---	---	0.00	0.00	---
TOTAL	---	---	---	---	---	12.16	---	---	---	---	0.00	0.00
MEAN	---	---	---	---	---	0.39	---	---	---	---	0.000	0.000
MAX	---	---	---	---	---	7.1	---	---	---	---	0.00	0.00
MIN	---	---	---	---	---	0.00	---	---	---	---	0.00	0.00
AC-FT	---	---	---	---	---	24	---	---	---	---	0.00	0.00

e Estimated